



In Trench Treatment MWT 31 and 34

Biebesheimer, Joannette (ECY)

to:

Dave Bartus

09/08/2011 04:19 PM

Cc:

"Conaway, Kathy (ECY)"

Hide Details

From: "Biebesheimer, Joannette (ECY)" <JBIE461@ECY.WA.GOV>

To: Dave Bartus/R10/USEPA/US@EPA

Cc: "Conaway, Kathy (ECY)" <KCON461@ECY.WA.GOV>

1 Attachment



image001.gif

Dave,

I had some down time and decided to review the M-91 PMP for some light reading. I came across this section about in trench treatment that is quite troubling.

FYI

Joannette

HNF-19169, REV. 9

3-1

3 Treatment and Disposal of Mixed Low-Level Waste (M-091-42 and M-091-43)

Substantial progress has been made in recent years in the treatment and disposal of MLLW, which was once thought to have no-path-forward. Since 1997, over 9,500 m³ of MLLW has been treated and disposed. The majority of this MLLW has been treated using commercial capabilities and disposed onsite at either the MWTs or ERDF. As of May 15, 2011, 1734 m³ of MLLW remained to be treated and disposed, 266 m³ is in aboveground storage and a projected 1,468 m³ of RSW that will assay as MLLW. The combination of commercial capabilities and in-trench treatment will continue to be used for treating the remaining MLLW. The MLLW remaining that cannot currently be treated either commercially or by

in-trench treatment is considered no-path-forward waste. Disposition of this waste is covered under Milestone M-091-03D-02, as discussed in Chapter 6.

Current commercial facilities under contract include:

- ☐ Perma-Fix Northwest, located in Richland, Washington
- ☐ East Tennessee Material and Energy Corporation, Inc., located in Oak Ridge, Tennessee
- ☐ Perma-Fix Diversified Scientific Services, Inc., located in Tennessee
- ☐ EnergySolutions Clive Site, located in Utah
- ☐ Impact Services, located in Tennessee

In-trench treatment of the waste will continue to be performed to meet the LDR. This is performed within MWTs 31 and 34 of the 218-W-5 LLBG to minimize significant worker risks and physical infrastructure limitations associated with opening and processing some of the RH-MLLW. In March 2011, 30 m³ of waste was macro-encapsulated in MWT 34 (see Table 5-2)

Joanette Biebesheimer

Department of Ecology - NWP
3100 Port of Benton Boulevard
Richland, WA 99354-1670
509-372-7891